

FIG. 1

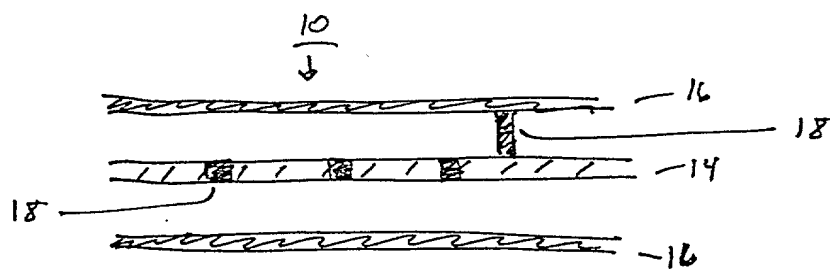


FIG. 2A

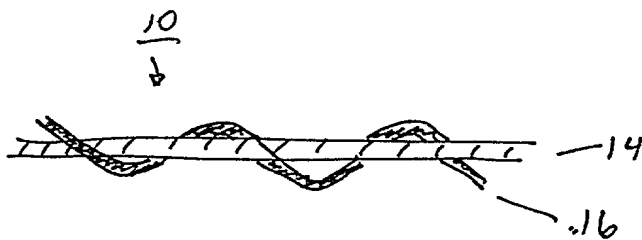
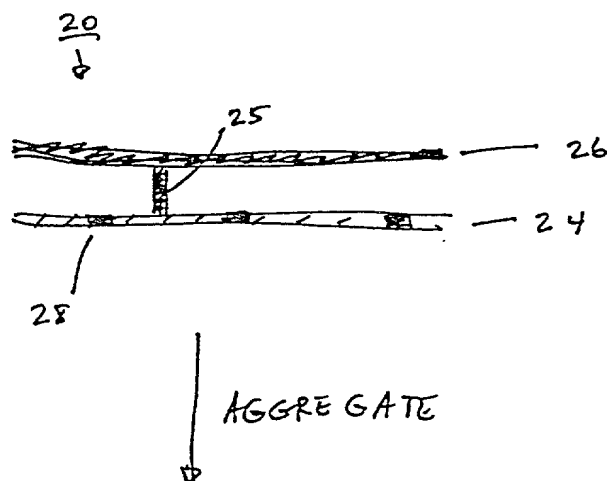


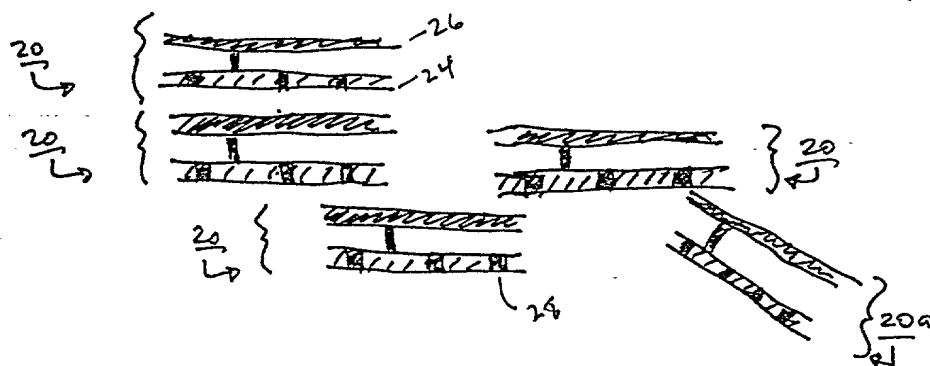
FIG. 2B

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Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 10.0
Gender	
Male	50 (50.0%)
Female	50 (50.0%)
Education (years)	12.0 ± 2.0
Marital status	
Married	40 (80.0%)
Single	10 (20.0%)
Occupation	
Retired	30 (60.0%)
Unemployed	20 (40.0%)
Income (USD/month)	1,200 ± 300
Health status	
Good	30 (60.0%)
Fair	20 (40.0%)
Poor	10 (20.0%)
Comorbidities	
Hypertension	20 (40.0%)
Diabetes	10 (20.0%)
Cholesterol	15 (30.0%)
Arthritis	10 (20.0%)
Depression	5 (10.0%)
Other	5 (10.0%)
Medication	
Yes	30 (60.0%)
No	20 (40.0%)
Medication type	
Antidepressant	10 (20.0%)
Antipsychotic	5 (10.0%)
Mood stabilizer	5 (10.0%)
Other	10 (20.0%)
Duration of illness (years)	5.0 ± 3.0
Severity of illness	
Mild	10 (20.0%)
Severe	40 (80.0%)
Functional status	
Independent	30 (60.0%)
Dependent	20 (40.0%)
Quality of life (score)	70.0 ± 10.0
Social support	
High	20 (40.0%)
Low	30 (60.0%)
Stress level	
Low	10 (20.0%)
High	40 (80.0%)
Life satisfaction	
High	10 (20.0%)
Low	40 (80.0%)
Overall health	
Good	10 (20.0%)
Fair	20 (40.0%)
Poor	20 (40.0%)



(a)



(b)

FIG. 3

FIG. 4A

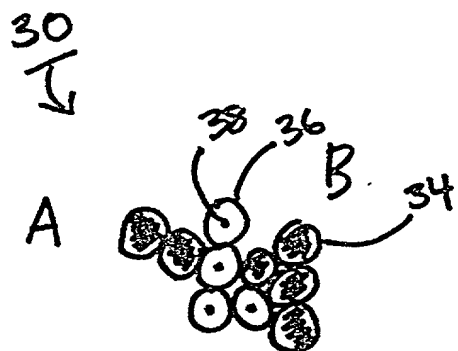
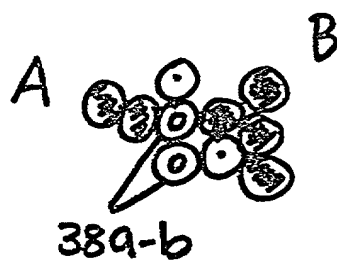
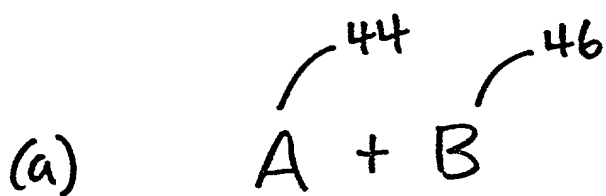


FIG. 4B

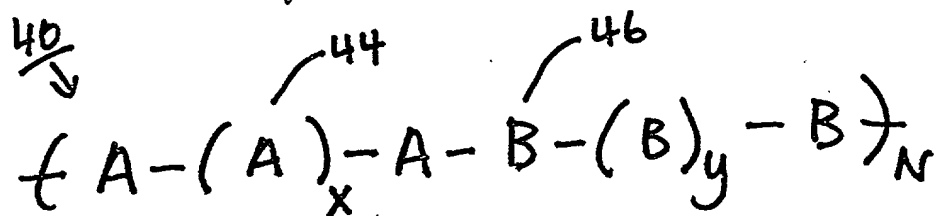


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FIG. 5

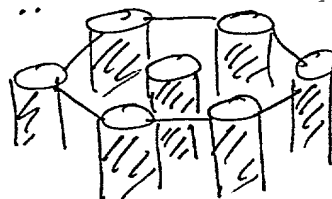
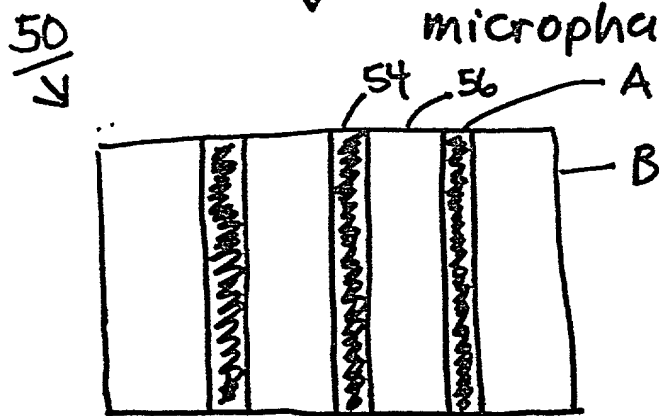


↓ polymer formation



$N = 1$ or more than 1

↓ film formation/
microphase separation



HEXAGONAL

FIG. 5

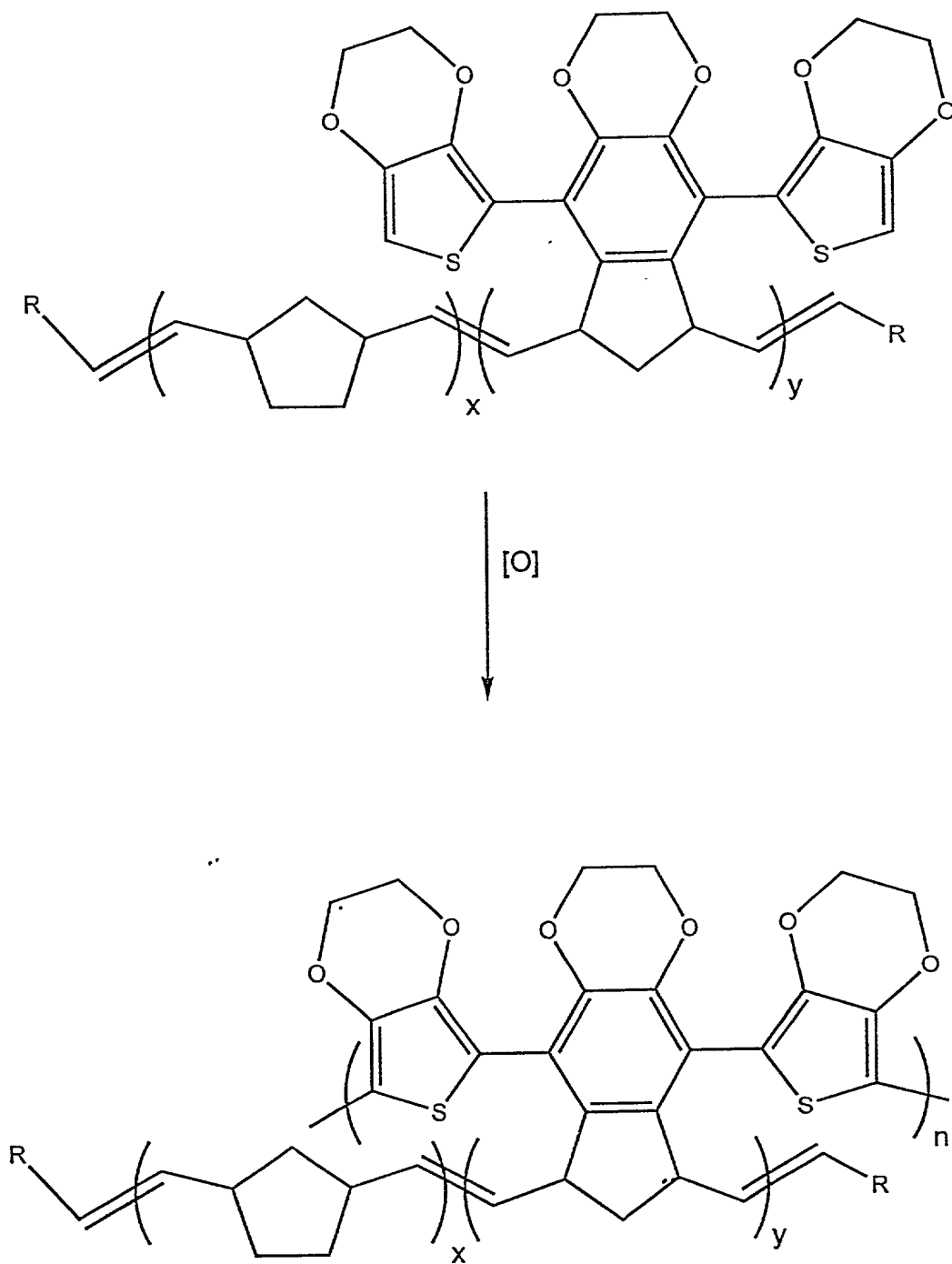


FIG. 6A

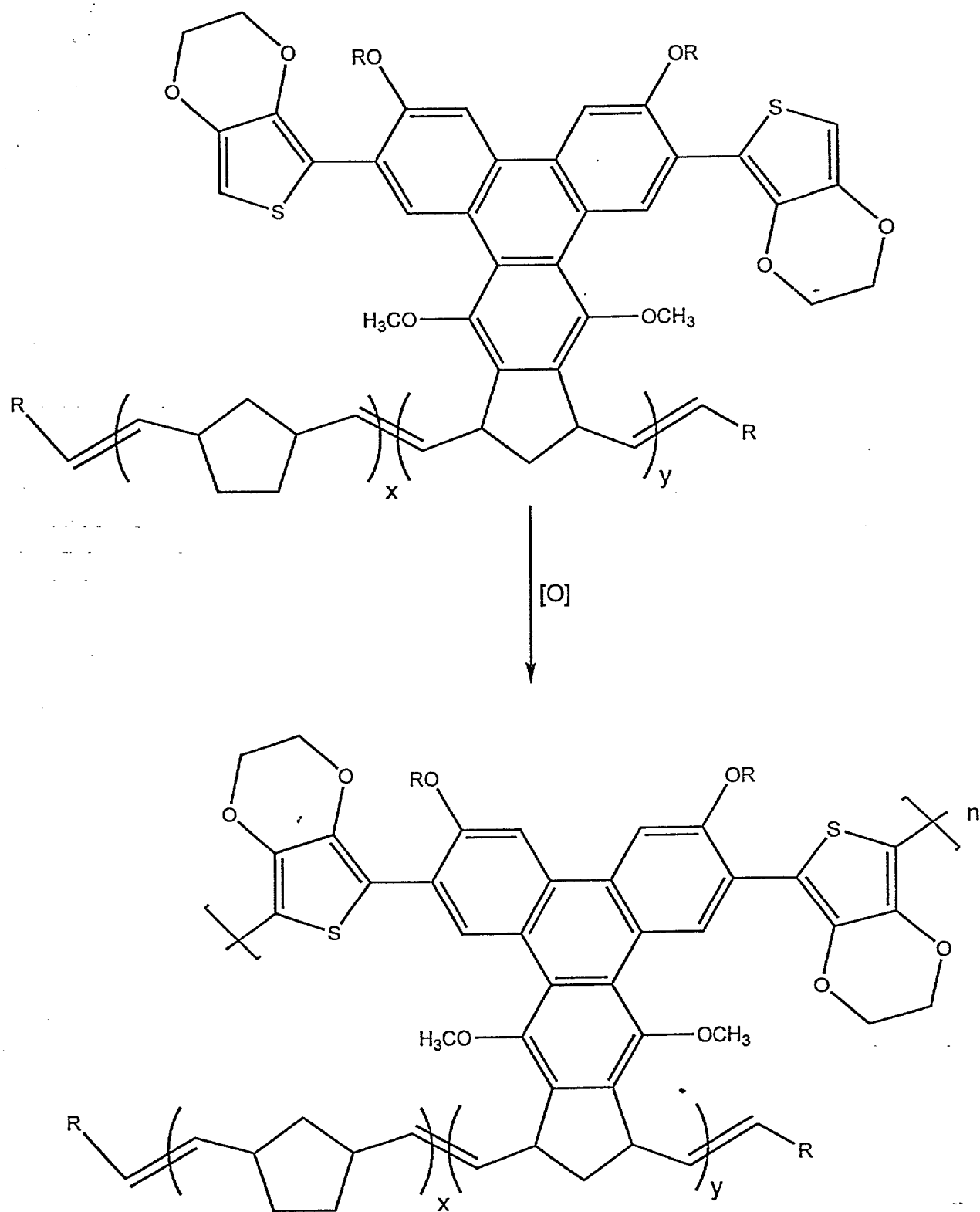


FIG. 6B

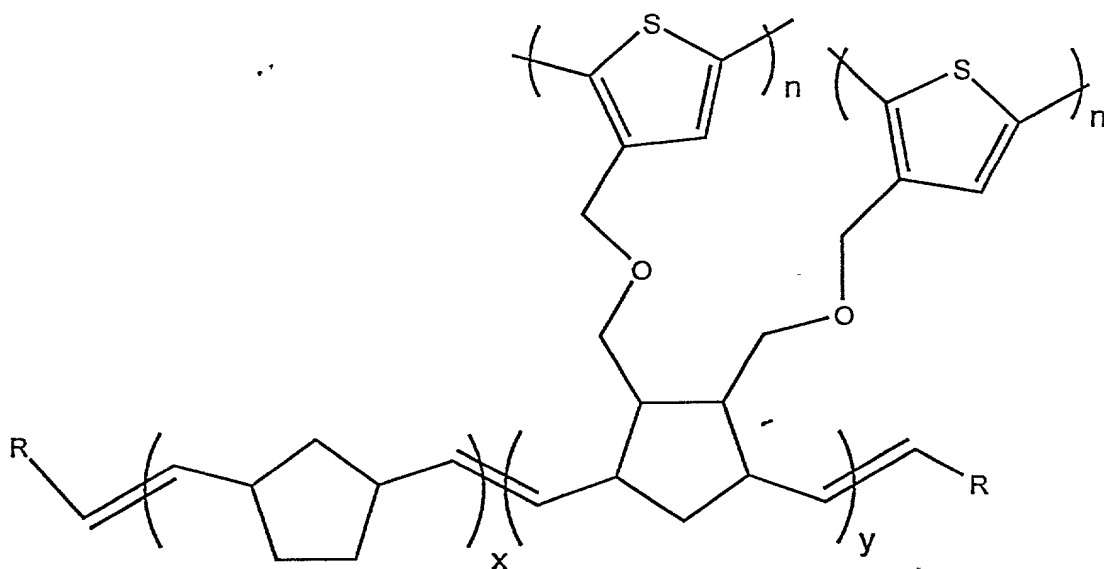
[illegible]

FIG. 7

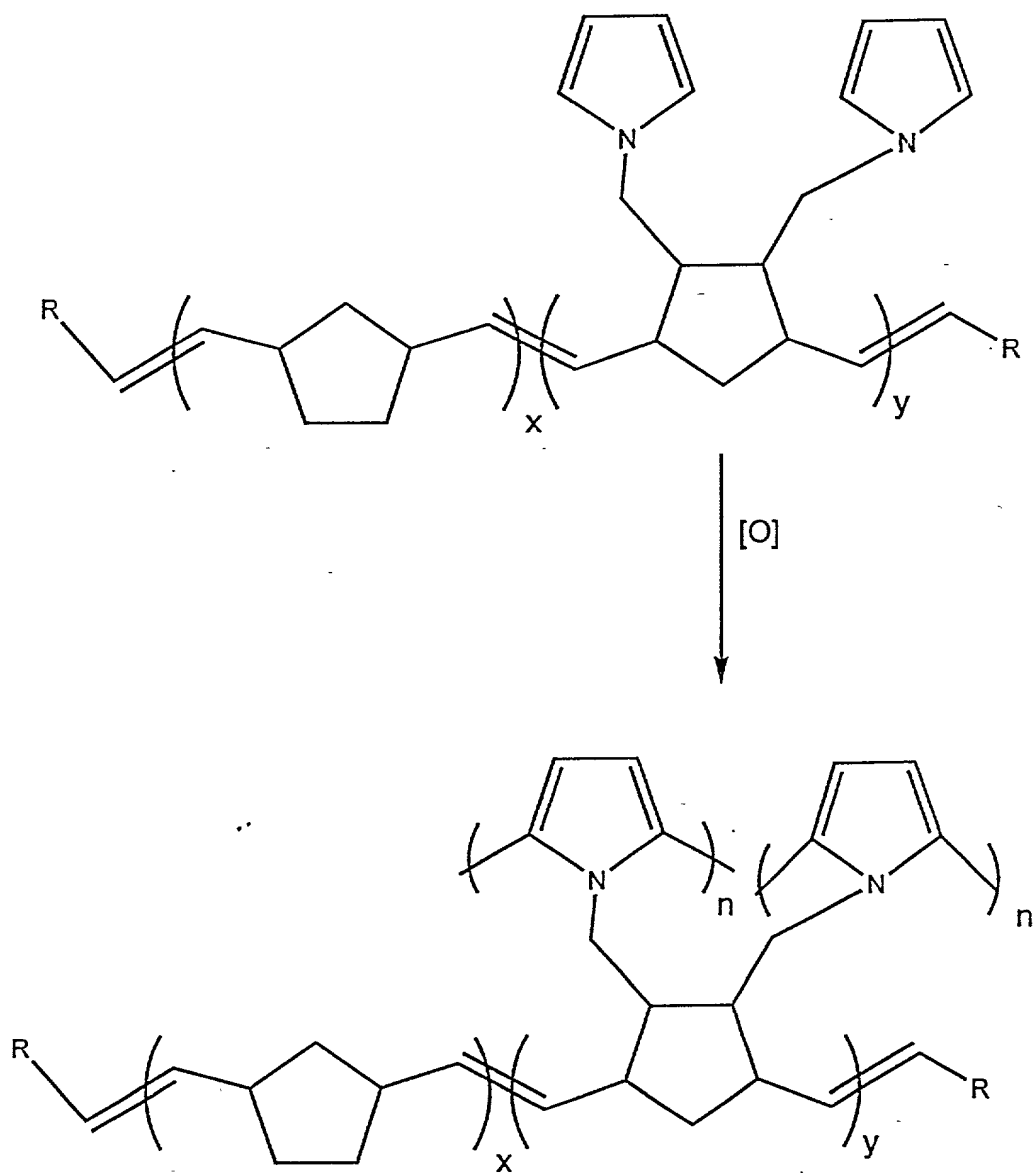


FIG. 8

Block Polymers To bind metal or semiconductor Nanoparticles

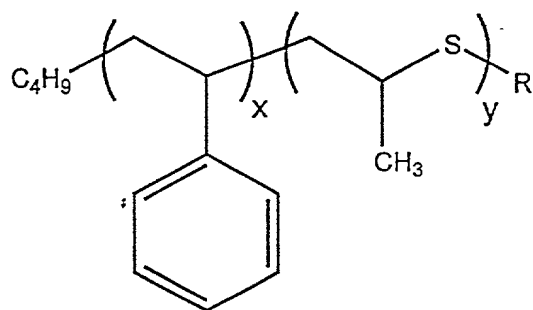
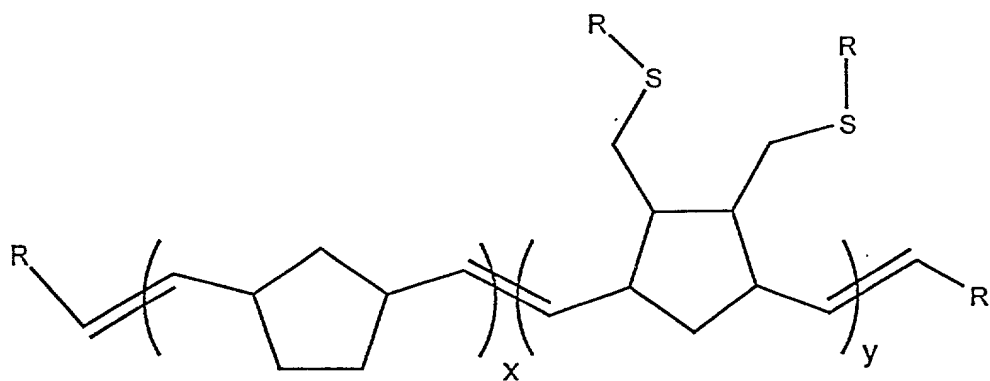
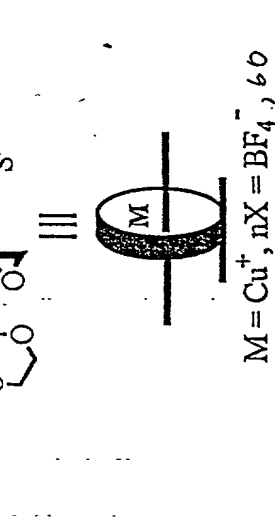
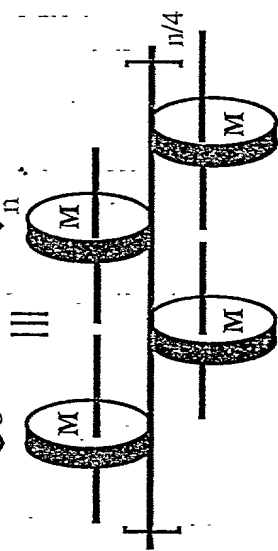
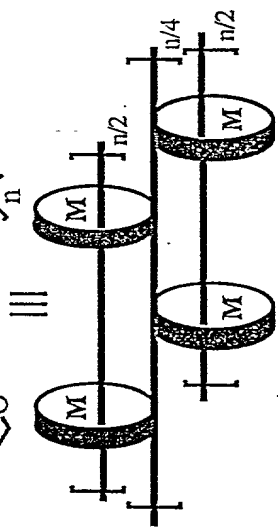
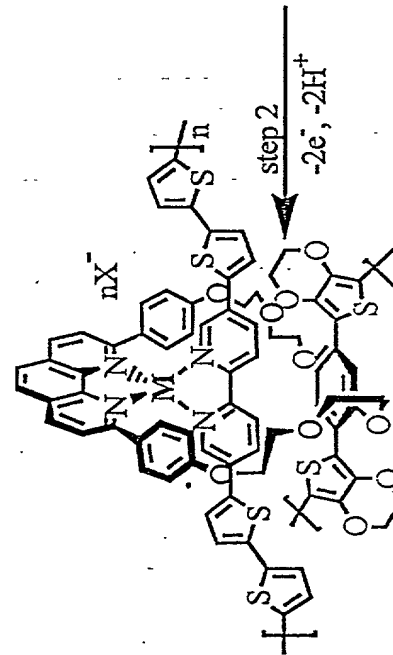
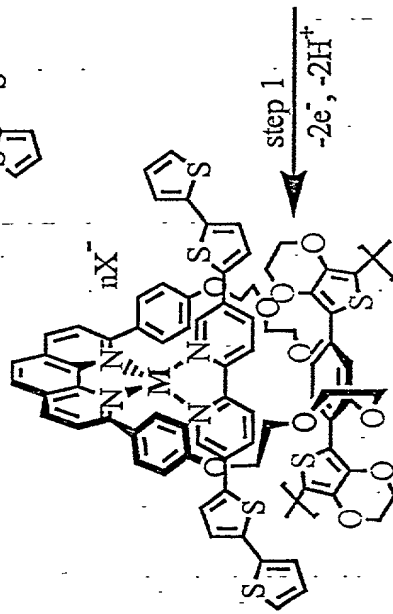
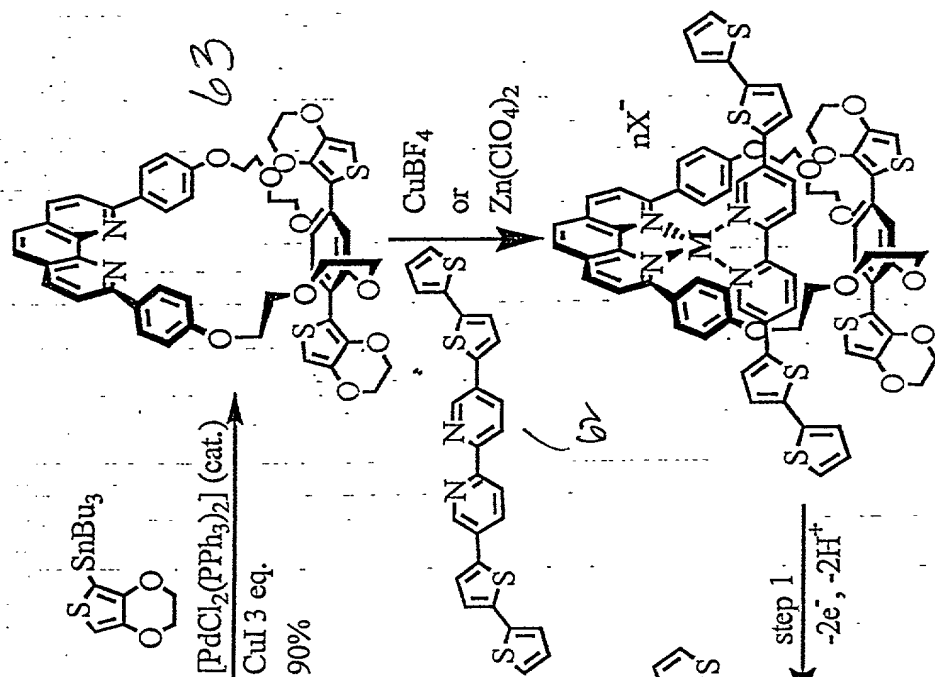
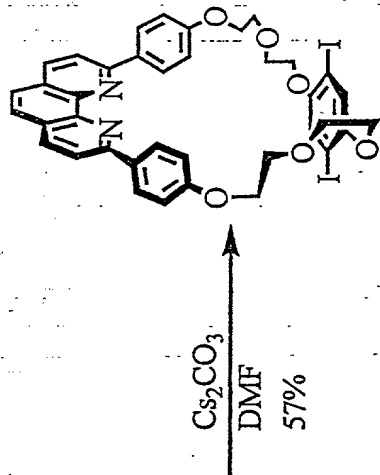
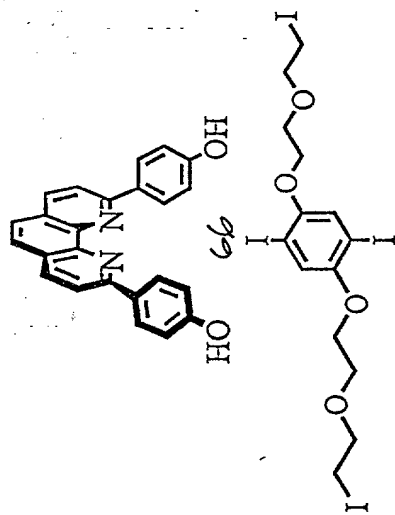
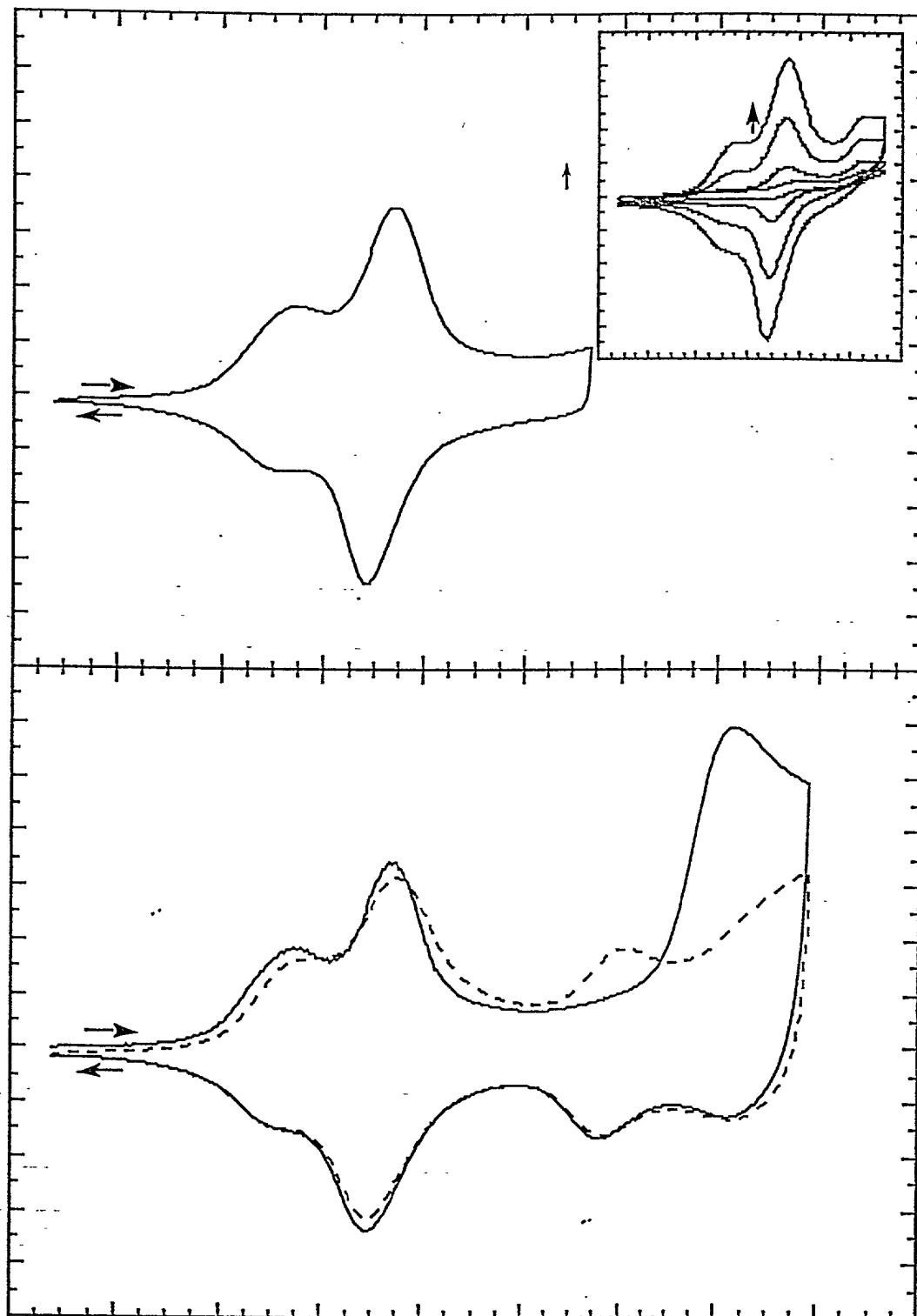


FIG. 9



a



b

c

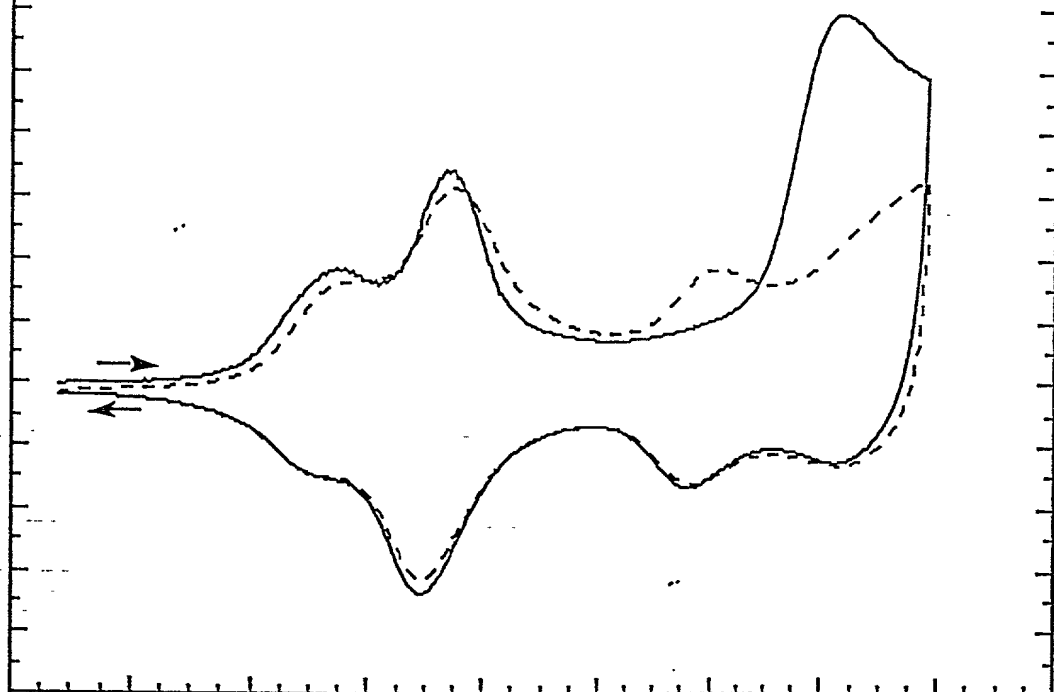
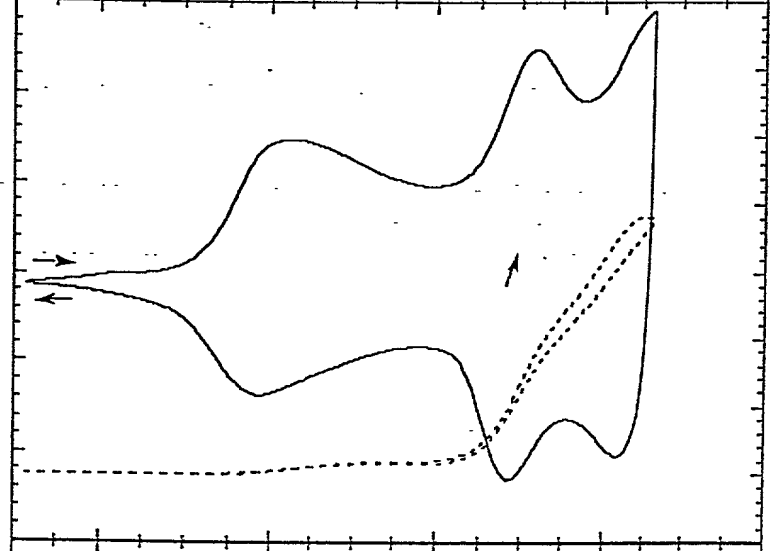
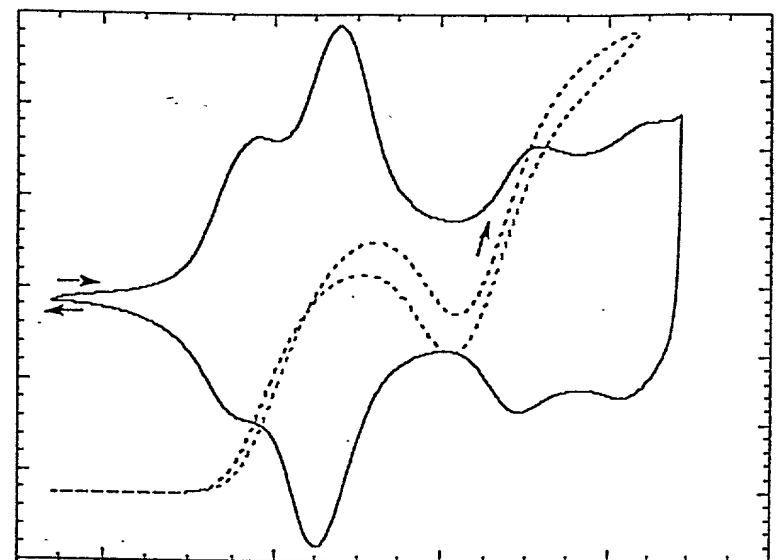


FIG. 11

FO5020" 507775 030304

a



c

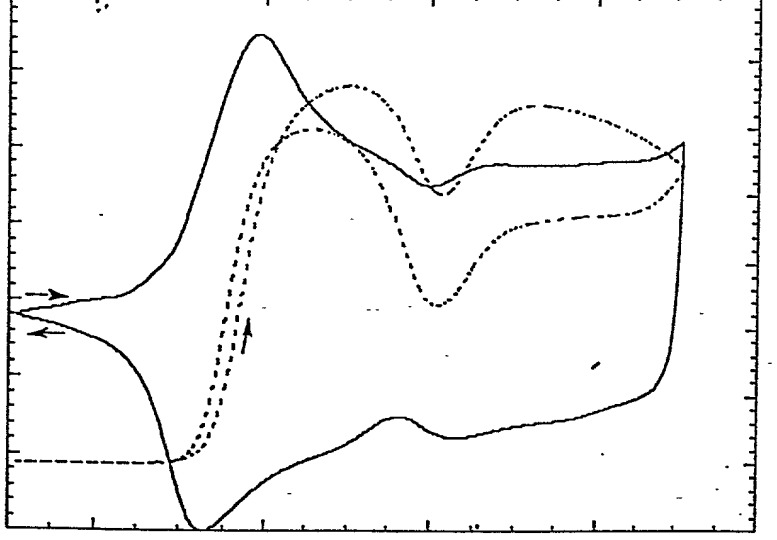


FIG. 12

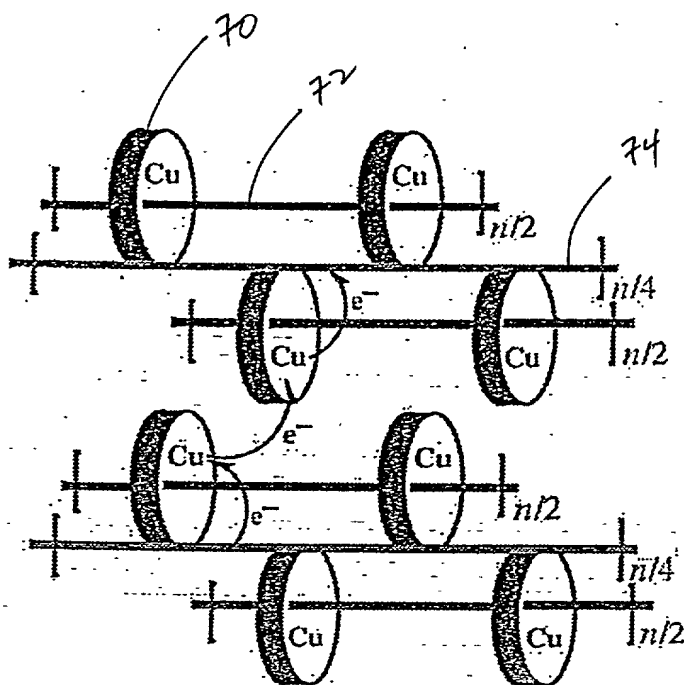
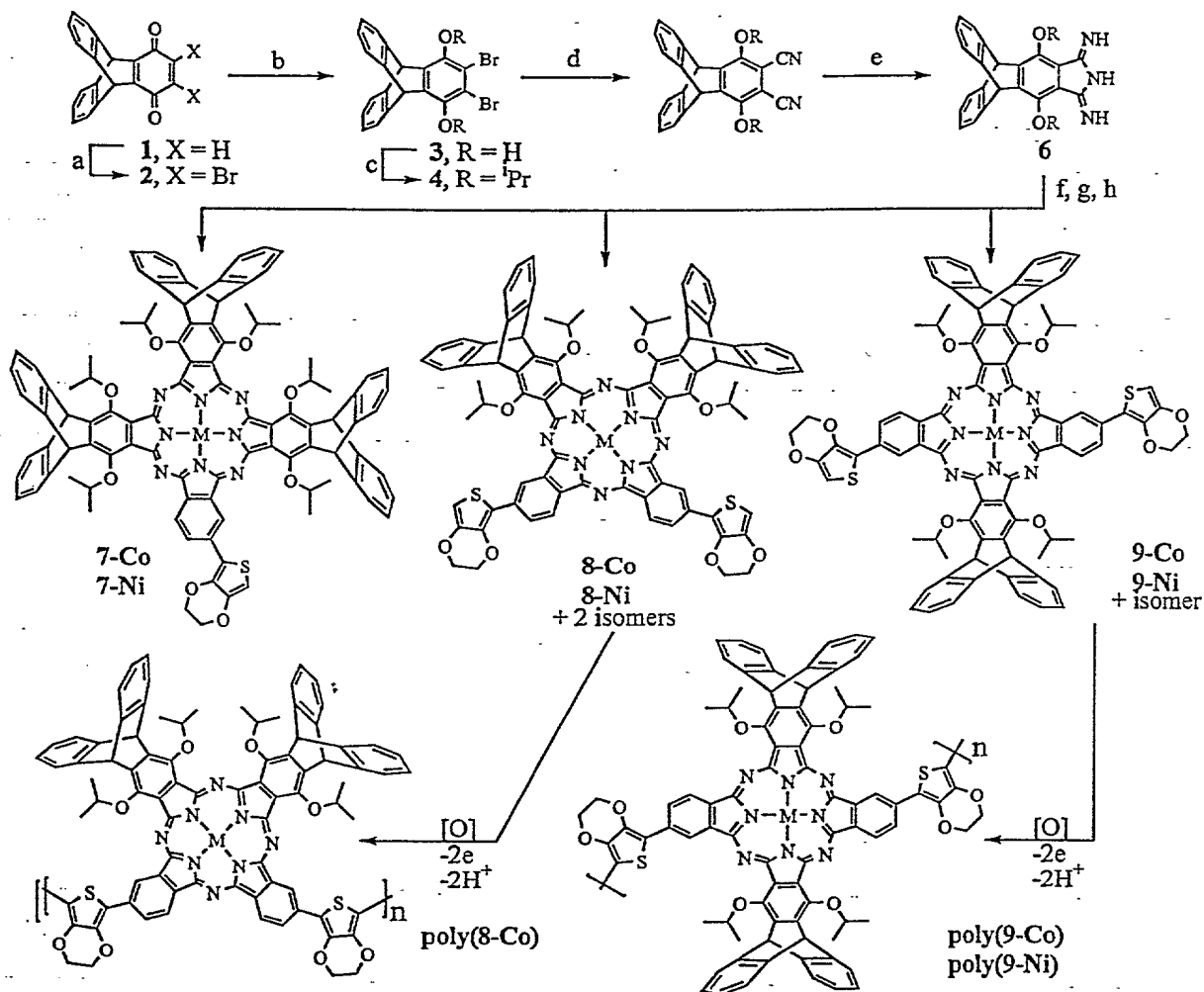


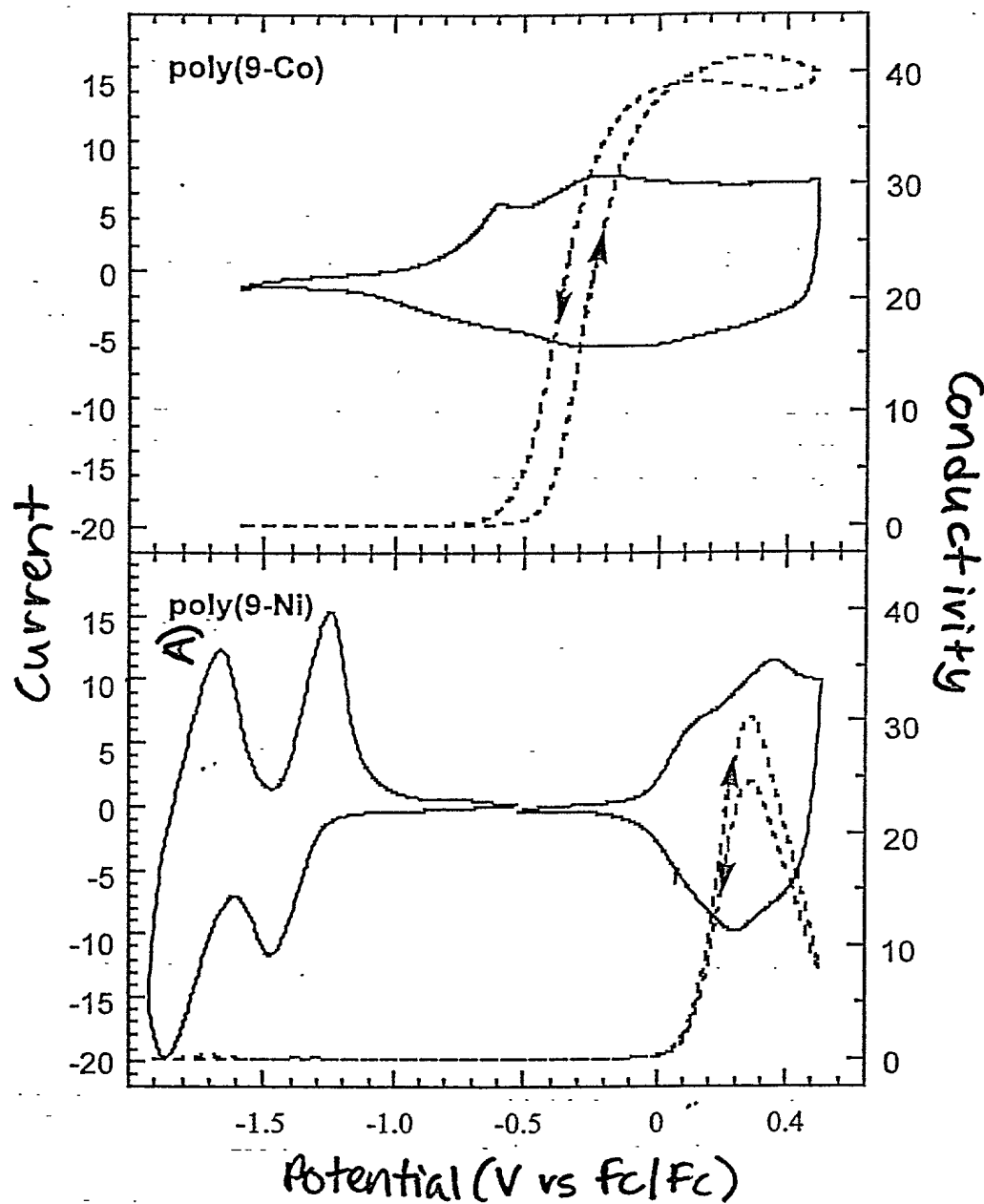
FIG. 13

FIG. 14



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a



b

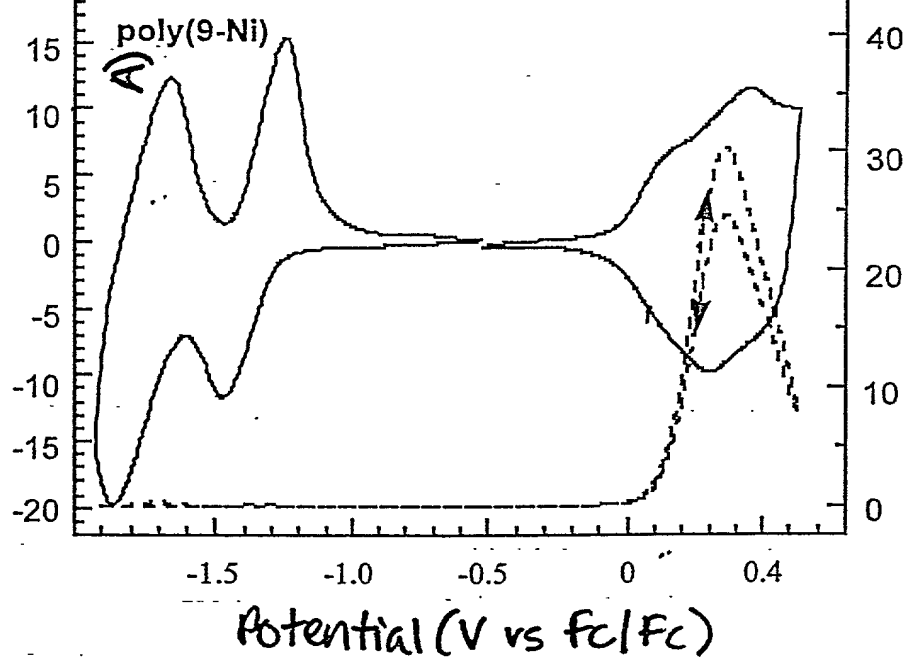


FIG. 15

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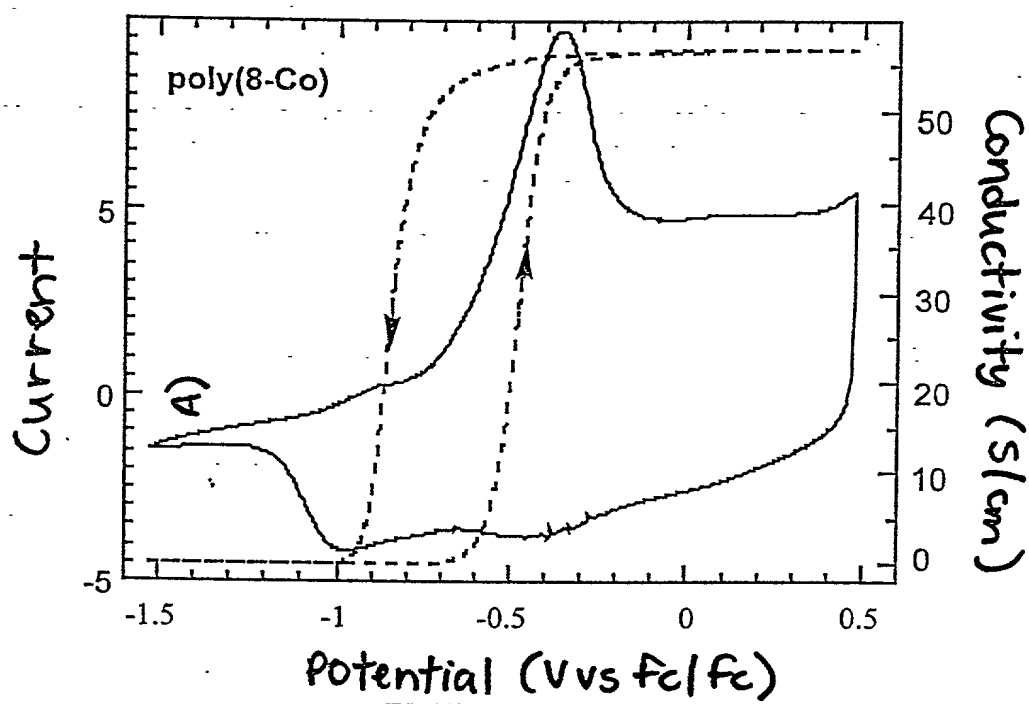


FIG. 16

FIG. 17

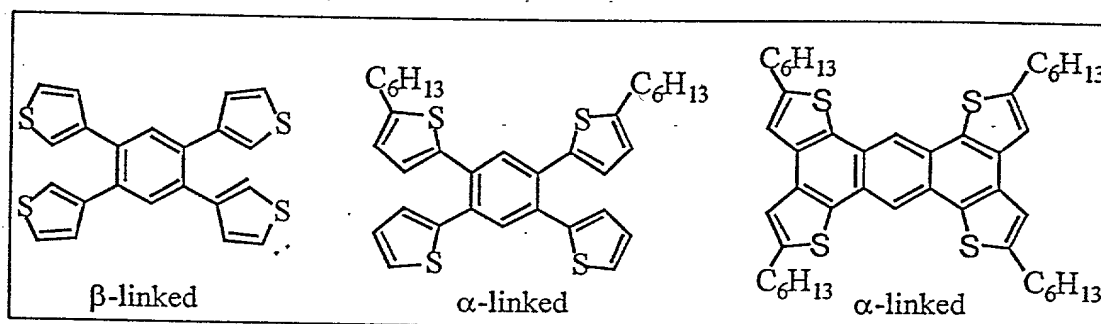
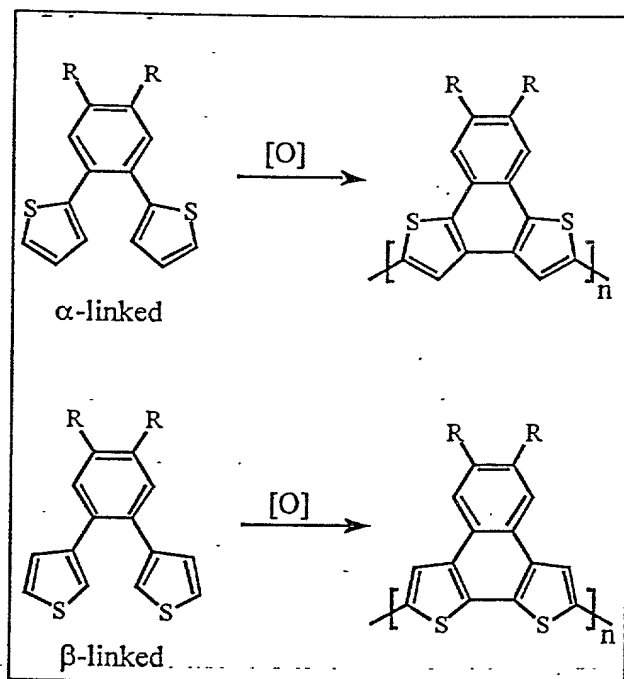
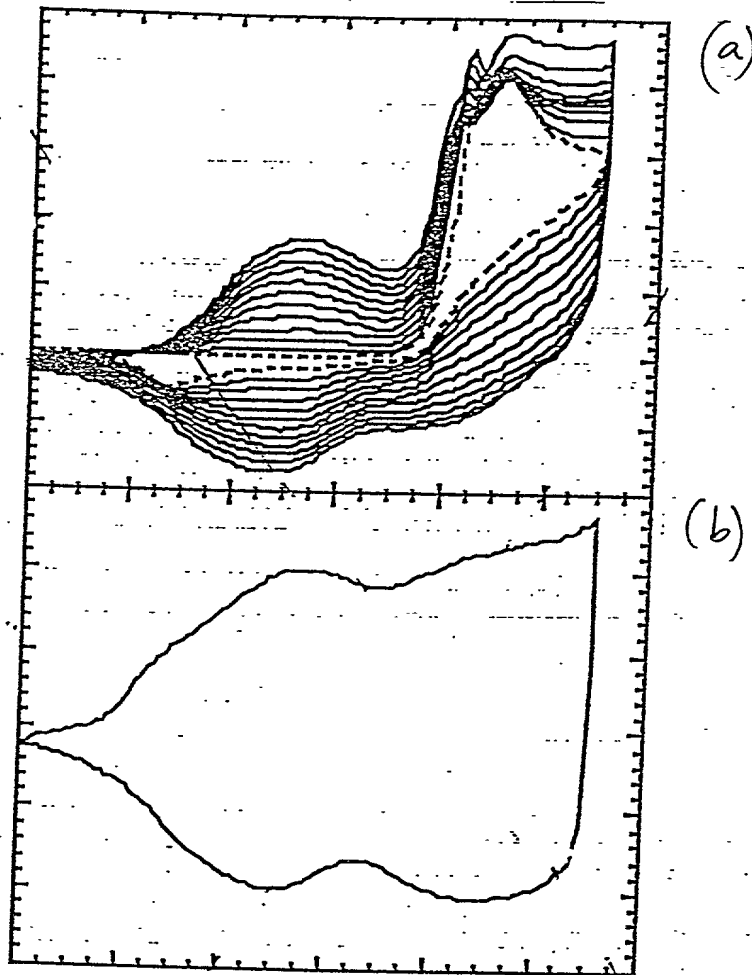


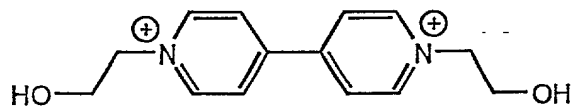
FIG. 19

FIG. 18

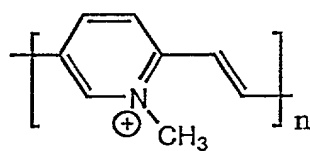


0977735-020504

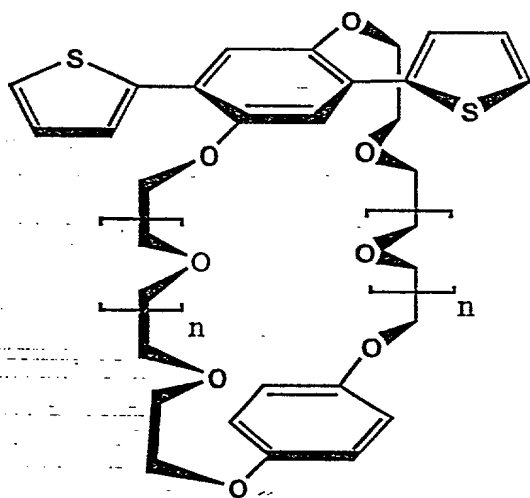
	Mean	SD	Median	Mode	Range	Skewness	Kurtosis	Shapiro-Wilk	Normality
Age	25.5	3.5	24	25	20-35	0.1	0.2	0.95	Normal
Gender	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Marital Status	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Education	12.5	1.5	12	12	10-15	0.1	0.2	0.95	Normal
Income	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Occupation	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Religion	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Political Affiliation	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Health Status	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Stress Level	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Life Satisfaction	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Self-Esteem	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Resilience	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Optimism	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Emotional Stability	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Interpersonal Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Problem Solving	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Decision Making	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Communication Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Conflict Resolution	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Leadership Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Teamwork Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Time Management	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Organization Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Planning Skills	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Adaptability	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Flexibility	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Openness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Conscientiousness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Agreeableness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Neuroticism	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Extraversion	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Introversion	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Sensitivity	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Empathy	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Compassion	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Kindness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Generosity	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Patience	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Forgiveness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Humility	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Modesty	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Shyness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Timidity	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Shyness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Timidity	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Shyness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Timidity	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Shyness	1.5	0.5	1	1	1-2	0.5	0.2	0.95	Normal
Timidity	1.5	0.5	1	1	1-2	0.5	0.		



90

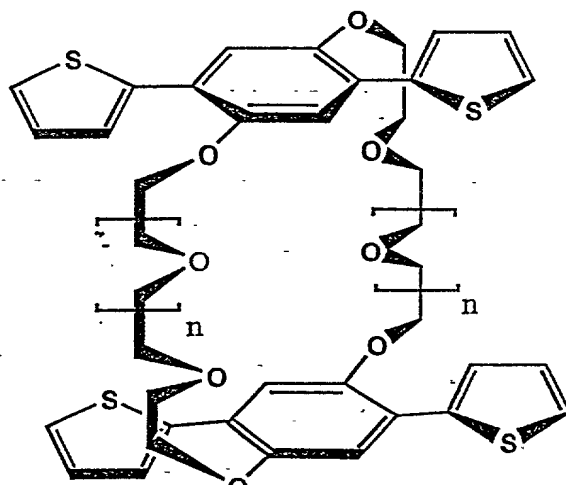


92



93

94

 $n=1$ $n=2$ 

95

96

 $n=2$ $n=3$

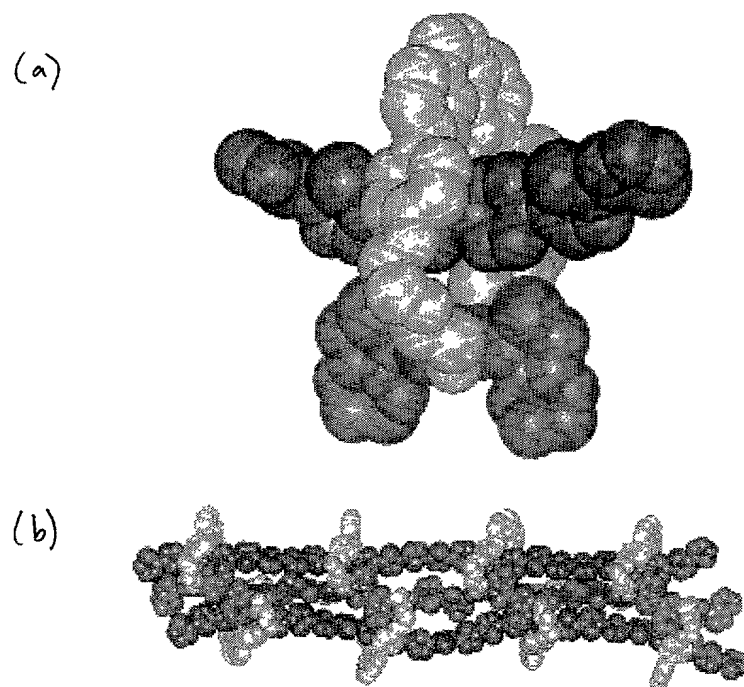
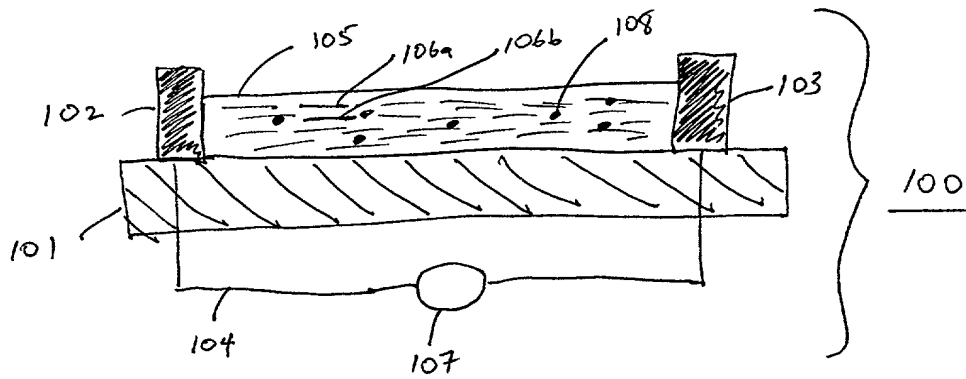
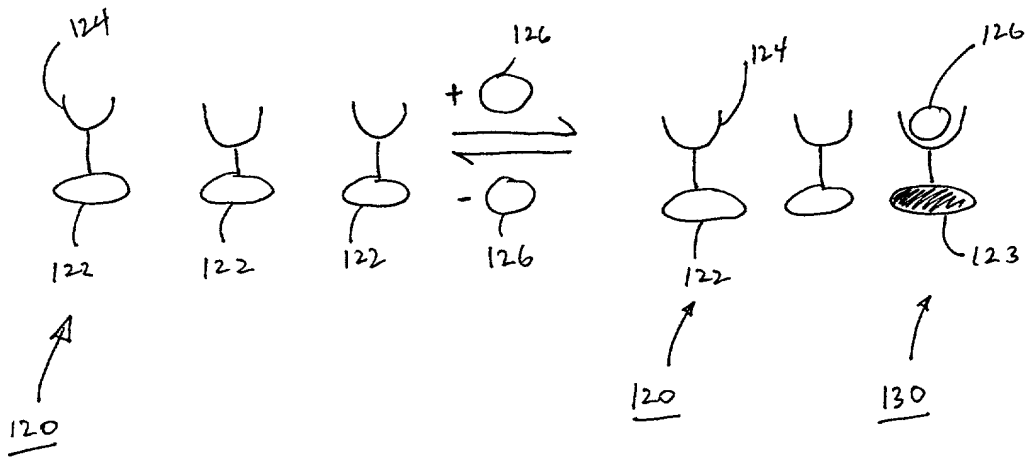


FIG. 21



(PRIOR ART)

FIG. 22



(PRIOR ART)

FIG. 23

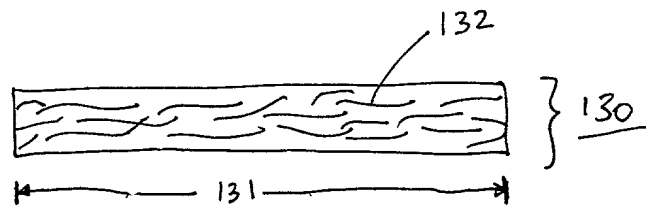
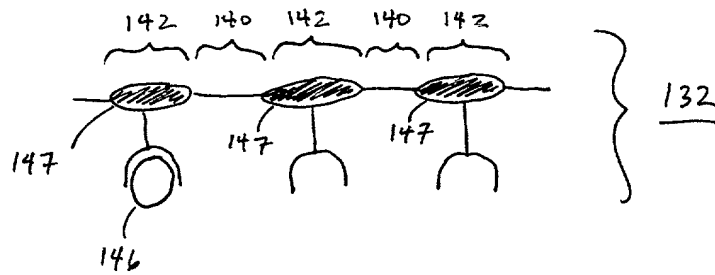
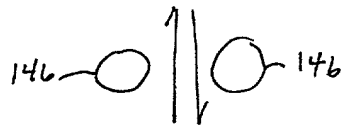
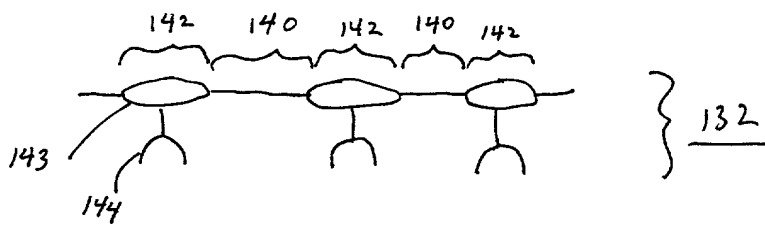


FIG. 24



(PRIOR ART)

FIG. 25

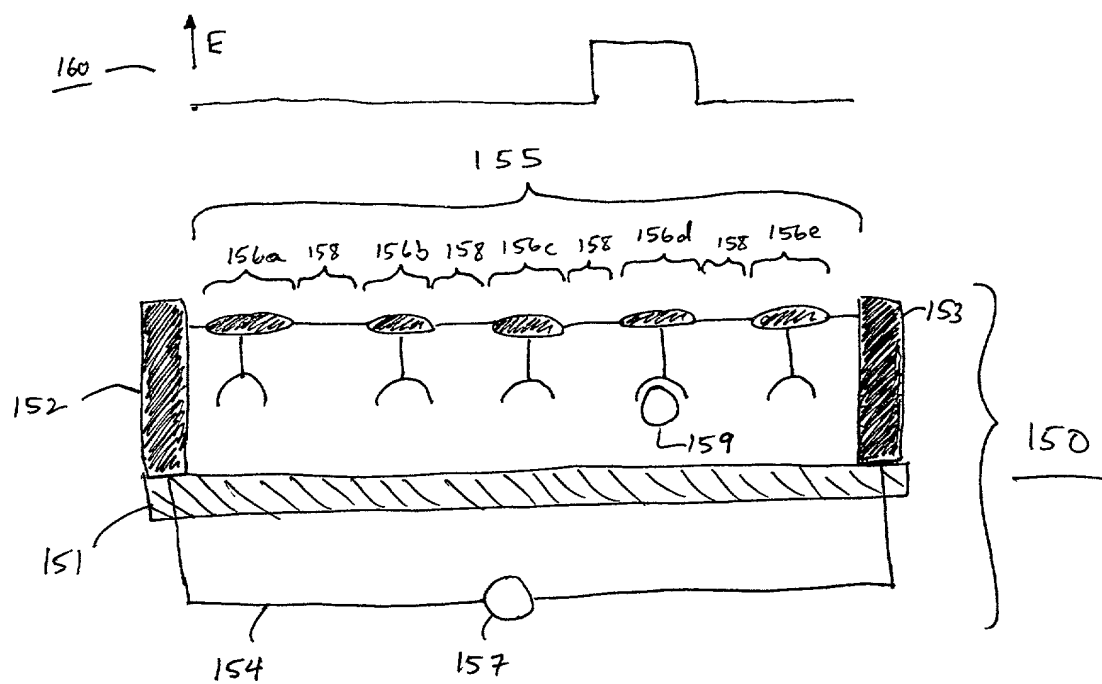


FIG. 26